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Netherlands, Veterinaire Hoofdinspectie van de Volksgezondheid 3586
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New Scientist 2441
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Nooruddin, M. 1988
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Nordlander, I. 1164
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Novak, M. 1892
Novak, R. 496
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O'Brien, D. J. 2002
O'Callaghan, M. G. 2147
Ocampo, M. del C. C. 398
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Ochoa, B. 3857
O'Connor, P. 2119
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onkwo, P. O. 3950
onofua, F. E. 1250
oro, J. I. 3701
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süz, S. 2423
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Uglikova, M. 3470
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Ushakov, A. V. 1928
Usmanov, N. U. 397
Usmany, M. 2719
USSR, Akademiya Nauk Uzbekskoĭ SSR 2073
USSR, Chief Veterinary Directorate 1570-1571
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Wang, B. F. 2561
Wang, C. C. 291, 3293, 3874
Wang, C. H. 2593
Wang, C. Y. 1991
Wang, D. D. 2502
Wang, J. H. 1170
Wang, J. J. 1924
Wang, J. Q. 1924
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Watts, S. D. M. 304
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Many other serials were scanned during 1991 but no relevant articles were selected. A full list of all the serials canned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's bstract journals is given in the *CAB International Serials Checklist, 1988 edition.* The publication includes SSNs and publishers' addresses.

cta Academiae Agriculturae ac Technicae Olstenensis, Veterinaria
cta Adriatica
cta Agriculturæ Scandinavica
cta Agriculturae Universitatis Pekinensis
cta Amazonica
cta Chirurgica Scandinavica
cta Cientifica Venezolana
cta Hydrobiologica Sinica
cta Medica Veterinaria
cta Neurologica Scandinavica
cta Oecologica
cta Oecologica, Oecologia Applicata
cta Ophthalmologica
cta Parasitologica Polonica
cta Pharmacologica Polonica
cta Pharmacologica Sinica
cta Physiologica et Pharmacologica Latinoamericana
cta Physiologica Hungarica
ta Protozoologica
ta Radiologica
ta Societatis Zoologicae Bohemoslovacae
ta Tropica
ta Universitatis Agriculturae, Facultas Agronomica
ta Universitatis Medicinalis Anhui
ta Veterinaria (Beograd)
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ta Veterinaria Hungarica
ta Veterinaria Scandinavica
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iazoniana
nerican Family Physician
nerican Journal of Clinical Nutrition
nerican Journal of Clinical Pathology
nerican Journal of Epidemiology
erican Journal of Gastroenterology
nerican Journal of Medicine
nerican Journal of Ophthalmology
nerican Journal of Pathology
erican Journal of Physical Anthropology
erican Journal of Physiology
erican Journal of Roentgenology
erican Journal of Surgery
erican Journal of Tropical Medicine and Hygiene
erican Journal of Veterinary Research
erican Midland Naturalist
erican Review of Respiratory Disease
erican Zoologist
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uis da Faculdade de Medicina Veterinária (Lisboa)
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lytical Letters
gewandte Parasitologie
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nales de la Société Entomologique de France
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Annales de Radiologie
Annales de Recherches Vétérinaires
Annales des Sciences Naturelles, Zoologie et Biologie Animale
Annales Zoologici Fennici
Annals of Allergy
Annals of Clinical and Laboratory Science
Annals of Internal Medicine
Annals of Ophthalmology
Annals of Saudi Medicine
Annals of the New York Academy of Sciences
Annals of the Rheumatic Diseases
Annals of the Royal College of Surgeons of England
Annals of Thoracic Surgery
Annals of Tropical Medicine and Parasitology
Annals of Tropical Paediatrics
Antibiotiki i Khimioterapiya
APMIS, Acta Pathologica, Microbiologica et Immunologica Scandinavica
Applied and Environmental Microbiology
Aquaculture
Aquaculture Magazine
Aquatic Toxicology
Archiv für Experimentelle Veterinärmedizin
Archiv für Fischereiwissenschaft
Archiv für Lebensmittelhygiene
Archives Françaises de Pédiatrie
Archives Internationales de Physiologie et de Biochimie
Archives of Biochemistry and Biophysics
Archives of Dermatology
Archives of Disease in Childhood
Archives of Environmental Contamination and Toxicology
Archives of Neurology
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Archives Roumaines de Pathologie Expérimentale et de Microbiologie
Archivos de Investigación Médica
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Arquivos da Escola de Medicina Veterinária da Universidade Federal da Bahia
Arquivos de Gastroenterologia
Arquivos do Instituto Biológico (São Paulo)
Arzneimittel Forschung
Asean Journal of Clinical Sciences
Asian Pacific Journal of Allergy and Immunology
Assiut Veterinary Medical Journal
Auk
Australian and New Zealand Journal of Obstetrics and Gynaecology
Australian and New Zealand Journal of Ophthalmology
Australian Journal of Agricultural Research
Australian Journal of Experimental Agriculture
Australian Journal of Marine and Freshwater Research
Australian Journal of Zoology
Australian Veterinary Journal
Australian Veterinary Practitioner
Australian Wildlife Research
Bangladesh Journal of Zoology
Bangladesh Veterinarian
Bangladesh Veterinary Journal
Behavioral Ecology and Sociobiology
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Berliner und Münchener Tierärztliche Wochenschrift
Biochemical and Biophysical Research Communications
Biochemical Pharmacology
Biochemical Society Transactions
Biochemistry (New York)
Biochemistry (Washington)
Biochemistry International
Biofutur
Biológia, Czechoslovakia

Biological Agriculture & Horticulture
Biological Journal of the Linnean Society
Biologicheskii Zhurnal Armenii
Biologiya Morya/Marine Biology
Biologizace a Chemizace Živočišné Výroby, Veterinaria
Biomedical and Environmental Sciences
Bird Study
Blood
Boletim de Pesquisa - Centro Nacional de Pesquisas de Caprinos
Boletin Asociación Medica de Puerto Rico
Boletin Asociacion Medica de Puerto Rico
Boletín Chileno de Parasitología
Bolletino dell'Istituto Sieroterapico Milanese Serafino Belfanti
Bollettino - Associazione Italiana Veterinari per Piccoli Animali
Bollettino Scientifico della Facoltà di Zootecnia e Veterinaria, Università Nazionale Somala
Brain Research
Brazilian Journal of Medical and Biological Research
Brimleyana
British Journal of Clinical Pharmacology
British Journal of Clinical Practice
British Journal of Dermatology
British Journal of General Practice
British Journal of Ophthalmology
British Journal of Pharmacology
British Journal of Radiology
British Journal of Surgery
British Journal of Urology
British Medical Journal (Clinical Research edition)
British Veterinary Journal
Buffalo Journal
Buletin - Výzkumný Ustav Rybářský a Hydrobiologický Vodňany
Bulletin Agricole du Rwanda
Bulletin de l'Académie Nationale de Médecine
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Cahiers ORSTOM, Entomologie Médicale et Parasitologie
Canadian Field-Naturalist
Canadian Institute of Food Science and Technology Journal
Canadian Journal of Fisheries and Aquatic Sciences
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Canadian Journal of Surgery
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Canadian Journal of Zoology
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Cancer
Cancer Letters
Cancer Research (Baltimore)
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Cell and Tissue Research
Cell Differentiation and Development
Cell Motility and the Cytoskeleton
Cellular and Molecular Biology
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Československá Epidemiologie, Mikrobiologie, Imunologie
Československá Farmacie
Cheiron
Chemical and Pharmaceutical Bulletin
Chemico-Biological Interactions
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Chinese Journal of Microbiology and Immunology
Chinese Journal of Parasitic Disease Control
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Chinese Journal of Veterinary Medicine
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Chinese Journal of Zoology
Chinese Journal of Zoonoses
Chinese Medical Journal
Chung-Ang Journal of Medicine
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Clinica Chimica Acta
Clinical and Experimental Immunology
Clinical Immunology and Immunopathology
Clinical Microbiology Newsletter
Clinical Nuclear Medicine
Clinical Orthopaedics and Related Research
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Colonial Waterbirds
Community Medicine
Comparative Biochemistry and Physiology. A, Comparative Physiology
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Comunicações Científicas da Faculdade de Medicina Veterinária e Zootecnia da Universidade de São Paulo
Cultivar (Paris)
Current Opinion in Gastroenterology
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Cytobios
Dakar Medical
Dansk Veterinærtidsskrift
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Developmental and Comparative Immunology
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Developments in Industrial Microbiology
Diagnostic Cytopathology
Diagnostic Microbiology and Infectious Disease
DICP, the Annals of Pharmacotherapy
Digestive Diseases
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Discovery and Innovation
Diseases of Aquatic Organisms
Dissertation Abstracts International. B, Sciences and Engineering
Documenta Ophthalmologica
Doga, Türk Veterinerlik ve Hayvancılık Dergisi
Doklady, Biological Sciences
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Ecology
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Egyptian Journal of Veterinary Science
EMBO Journal
Endocrinologia Japonica
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Ethiopian Medical Journal
Etlik Veteriner Mikrobiyoloji Dergisi
Études et Synthèses de l'IEMVT
European Heart Journal
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ction and Immunity
ction Control and Hospital Epidemiology
ct Science and its Application
rnational Archives of Allergy and Applied Immunology
rnational Journal for Parasitology
rnational Journal of Animal Sciences
rnational Journal of Dermatology
rnational Journal of Environmental Studies
rnational Journal of Epidemiology
rnational Journal of Experimental Pathology
rnational Journal of Gynecology and Obstetrics
rnational Journal of Oral and Maxillofacial Surgery
rnational Ophthalmology
rnational Ophthalmology Clinics
rnational Urology and Nephrology
rnationale Revue der Gesamten Hydrobiologie
rnist (Berlin)
rtebrate Taxonomy
stigative Ophthalmology & Visual Science
i Journal of Veterinary Sciences
Naturalists' Journal
Veterinary Journal
Veterinary News
pe and Radiation Research
l Journal of Medical Sciences
l Journal of Veterinary Medicine
l Journal of Zoology
stiya Akademii Nauk Azerbaĭdzhanskoĭ SSR, Biologicheskie
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stiya Akademii Nauk Kazakhskoĭ SSR. Seriya Biologicheskaya
stiya Akademii Nauk Moldavskoĭ SSR. Biologicheskie i
himicheskie Nauki
stiya Akademii Nauk Turkmenskoĭ SSR. Seriya Biologicheskikh
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Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR. Seriya Biologicheskikh Nauk
Izvvestiya Akademii Nauk Kazakhskoĭ SSR. Seriya Biologicheskaya
JAMA, Journal of the American Medical Association
Japanese Journal of Experimental Medicine
Japanese Journal of Medical Science & Biology
Japanese Journal of Parasitology
Japanese Journal of Tropical Medicine and Hygiene
Japanese Journal of Veterinary Research
Japanese Journal of Veterinary Science
Journal - Association of Official Analytical Chemists
Journal de Chirurgie
Journal de Pharmacie de Belgique
Journal du Conseil - Conseil International pour l'Exploration de la Mer
Journal du Conseil International pour l'Exploration de la Mer
Journal of Advanced Zoology
Journal of African Zoology
Journal of Agricultural and Food Chemistry
Journal of Agricultural Science
Journal of Agriculture, Western Australia
Journal of Allergy and Clinical Immunology
Journal of Animal Ecology
Journal of Antibiotics
Journal of Applied Ecology
Journal of Applied Entomology
Journal of Applied Ichthyology
Journal of Applied Physiology
Journal of Aquariculture and Aquatic Sciences
Journal of Aquatic Animal Health
Journal of Association of Physicians of India
Journal of Biological Chemistry
Journal of Biosciences
Journal of Bombay Veterinary College
Journal of Bone and Joint Surgery, British Volume
Journal of Cardiovascular Surgery
Journal of Cell Science
Journal of Chemotherapy
Journal of Chromatography
Journal of Chromatography, Biomedical Applications
Journal of Clinical Biochemistry and Nutrition
Journal of Clinical Immunology
Journal of Clinical Investigation
Journal of Clinical Laboratory Analysis
Journal of Clinical Microbiology
Journal of Clinical Oncology
Journal of Clinical Pathology
Journal of Clinical Ultrasound
Journal of Communicable Diseases
Journal of Comparative Neurology
Journal of Comparative Pathology
Journal of Comparative Physiology. A, Sensory, Neural, and Behavioral Physiology
Journal of Comparative Physiology. B, Biochemical, Systemic, and Environmental Physiology
Journal of Computer Assisted Tomography
Journal of Diarrhoeal Diseases Research
Journal of Ecobiology
Journal of Economic Entomology
Journal of Electron Microscopy
Journal of Environmental Science and Health. Part B, Pesticides, Food Contaminants, and Agricultural Wastes
Journal of Equine Veterinary Science
Journal of Ethnopharmacology
Journal of Evolutionary Biochemistry and Physiology
Journal of Evolutionary Biology
Journal of Experimental Marine Biology and Ecology
Journal of Experimental Medicine
Journal of Experimental Pathology
Journal of Experimental Zoology
Journal of Fish Biology
Journal of Fish Diseases
Journal of Food Science
Journal of Gastroenterology and Hepatology
Journal of Helminthology
Journal of Heredity
Journal of Immunoassay
Journal of Immunological Methods
Journal of Immunology (Baltimore)
Journal of Industrial Microbiology
Journal of Infection
Journal of Infectious Diseases
Journal of Insect Physiology
Journal of Invertebrate Pathology
Journal of Jiangsu Agricultural College
Journal of Laryngology and Otology
Journal of Liquid Chromatography
Journal of Mathematical Biology
Journal of Medical Entomology
Journal of Medicinal Chemistry
Journal of Molluscan Studies

Journal of Morphology
Journal of Nagano-ken Junior College, Japan
Journal of Nara Medical Association
Journal of Natural History
Journal of Natural Products
Journal of Neurochemistry
Journal of Neurology
Journal of Neurology, Neurosurgery and Psychiatry
Journal of Neurosurgery
Journal of Obstetrics and Gynaecology
Journal of Organic Chemistry
Journal of Parasitology
Journal of Pediatric Surgery
Journal of Pharmaceutical and Biomedical Analysis
Journal of Pharmaceutical Sciences
Journal of Pharmacy and Pharmacology
Journal of Reconstructive Microsurgery
Journal of Research, Birsa Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Rheumatology
Journal of Scientific & Industrial Research
Journal of Shellfish Research
Journal of Small Animal Practice
Journal of Submicroscopic Cytology and Pathology
Journal of Surgical Oncology
Journal of the American Animal Hospital Association
Journal of the American Chemical Society
Journal of the American Mosquito Control Association
Journal of the American Podiatric Medical Association
Journal of the American Veterinary Medical Association
Journal of the Andaman Science Association
Journal of the Bombay Natural History Society
Journal of the Chinese Society of Veterinary Science
Journal of the Elisha Mitchell Scientific Society
Journal of the Formosan Medical Association
Journal of the Helminthological Society of Washington
Journal of the Japan Veterinary Medical Association
Journal of the Marine Biological Association of the United Kingdom
Journal of the Pakistan Medical Association
Journal of the Remount and Veterinary Corps
Journal of the Royal Army Medical Corps
Journal of the Royal Society of Medicine
Journal of the Science Society of Thailand
Journal of the South African Veterinary Association
Journal of the World Aquaculture Society
Journal of Theoretical Biology
Journal of Tropical Medicine and Hygiene
Journal of Tropical Pediatrics
Journal of Urology
Journal of Veterinary Faculty, University of Tehran
Journal of Veterinary Internal Medicine
Journal of Veterinary Medical Science
Journal of Veterinary Medicine, Japan
Journal of Veterinary Medicine. Series A
Journal of Veterinary Medicine. Series B
Journal of Veterinary Parasitology
Journal of Veterinary Pharmacology and Therapeutics
Journal of Wildlife Diseases
Journal of Zoo and Wildlife Medicine
Journal of Zoology
Kaohsiung Journal of Medical Sciences
Kerala Journal of Veterinary Science
Khelmintologiya
Khimiko-Farmatsevticheskiĭ Zhurnal
Khirurgiya
Kleintierpraxis
Klinicheskaya Meditsina
Klinische Monatsblätter für Augenheilkunde
Korean Journal of Parasitology
Kumamoto Medical Journal
Laboratornoe Delo
Laboratory Animal Science
Laboratory Animals
Laboratory Investigation
Lait (Lyon)
Lancet (British edition)
Leukemia and Lymphoma
Life Sciences
Liver
Livestock Adviser
Livestock Production Science
Louisiana Agriculture
Lyon Chirurgical
M/S Médecine Sciences
Maghreb Vétérinaire
Magyar Állatorvosok Lapja
Malacological Review
Mathematisch-Naturwissenschaftliche Reihe
Médecin Vétérinaire du Québec
Médecine d'Afrique Noire
Médecine et Armées
Médecine et Chirurgie Digestives
Médecine et Maladies Infectieuses
Médecine Tropicale
Medical and Veterinary Entomology
Medical Informatics
Medical Journal of Australia
Medical Science Research
Medicamentum (English Edition)
Medicina Clínica (Barcelona)
Medicina Cutanea Ibero-Latino-Americana
Medicina Veterinaria
Meditsinskaya Parazitologiya i Parazitarnye Bolezni
Medizinische Welt
Medycyna Weterynaryjna
Memórias do Instituto Butantan
Memórias do Instituto Oswaldo Cruz
Military Medicine
Molecular and Biochemical Parasitology
Monatshefte für Veterinärmedizin
Mosquito-Borne Diseases Bulletin
Mutation Research, Reviews in Genetic Toxicology
Mysore Journal of Agricultural Sciences
Nahrung
National Medical Journal of India
Nature (London)
Naturwissenschaften
Nautilus
Nederlands Tijdschrift voor Geneeskunde
Neotropica
Netherlands Journal of Medicine
Netherlands Journal of Sea Research
Neurochirurgie
Neuroradiology
New England Journal of Medicine
New Scientist
New Zealand Journal of Agricultural Research
New Zealand Medical Journal
New Zealand Veterinary Journal
Nigerian Journal of Parasitology
Norsk Veterinærtidsskrift
Nucleic Acids Research
Nuovo Progresso Veterinario
Nutrition Reports International
Obiettivi e Documenti Veterinari
ODU Bulletin
Oecologia
Öffentliche Gesundheitswesen
Onderstepoort Journal of Veterinary Research
Ophelia
Ophthalmology
Orvosi Hetilap
Österreichs Weidwerk
Ostrich
PAC Technical Paper - Pakhribas Agricultural Centre
Pakistan Veterinary Journal
Papua New Guinea Medical Journal
Paraplegia
Parasite Immunology
Parasitologia Hungarica
Parasitology
Parasitology Research
Parasitology Today
Parassitologia (Roma)
Parazitologicheskiĭ Sbornik (Leningrad)
Parazitologiya
Pathologe
PCARRD Monitor
Pediatric Infectious Disease Journal
Pediatric Surgery International
Pédiatrie (Lyon)
Penyakit Hewan
Perkin Transactions I
Perspectives in Biology and Medicine
Pesquisa Veterinária Brasileira
Pferdeheilkunde
Pharmacological Research
Philippine Journal of Veterinary Medicine
Philosophical Transactions of the Royal Society of London. Series B Biological Sciences
Physiology and Ecology Japan
Phytochemistry
Phytotherapy Research
Planta Medica
PLANTI News
Pneumologie
Point Vétérinaire
Postgraduate Medical Journal
Practitioner
Praktische Tierarzt
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oceedings of Parasitology
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oceedings of the Annual Convention of the American Association of Equine Practitioners
oceedings of the Australian Society of Animal Production
oceedings of the Indian Academy of Sciences, Animal Sciences
oceedings of the Indian National Science Academy. Part B, Biological Sciences
oceedings of the National Academy of Sciences of the United States of America
oceedings of the New Zealand Society of Animal Production
oceedings of the Sheep & Beef Society of the New Zealand Veterinary Association Seminar
oceedings, Annual Meeting of the United States Animal Health Association
oceedings, Western Section, American Society of Animal Science and Western Branch Canadian Society of Animal Science
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production, Nutrition, Development
search in Veterinary Science
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views in Medical Microbiology
views of Infectious Diseases
vista Brasileira de Biología
vista Cubana de Ciencia Avícola
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ue d'Élevage et de Médecine Vétérinaire des Pays Tropicaux
ue d'Epidémiologie et de Santé Publique
ue d'Hydrobiologie Tropicale
ue de l'Agriculture
ue de Médecine Vétérinaire
ue Internationale du Trachome et de Pathologie Oculaire Tropicale et Subtropicale et de Santé Publique
ue Neurologique
ue Scientifique et Technique - Office International des Épizooties
ue Suisse de Zoologie
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dinavian Journal of Gastroenterology
dinavian Journal of Gastroenterology, Supplement
dinavian Journal of Immunology
dinavian Journal of Infectious Diseases
dinavian Journal of Thoracic and Cardiovascular Surgery
veinewelt
veizer Archiv für Tierheilkunde
nce (Washington)
Science in China. Series B, Chemistry, Life Sciences & Earth Sciences
Science in New Guinea
Science of the Total Environment
Science Reports of Faculty of Agriculture, Kobe University
Sciences Vétérinaires Médecine Comparée
Scientific Reports of the Hokkaido Fish Hatchery
Scienza Veterinaria e Biologia Animale
Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis
Semaine des Hôpitaux de Paris
Seminars in Dermatology
Seminars in Respiratory Medicine
Seminars in Veterinary Medicine and Surgery (Small Animal)
Serie Comunidades, Reporte Técnico, Instituto Nacional de Investigación y Promocion Agropecuario
Shoyakugaku Zasshi = Japanese Journal of Pharmacognosy
Skeletal Radiology
Small Ruminant Research
Social Science & Medicine
South African Medical Journal
Southeast Asian Journal of Tropical Medicine and Public Health
Southern Medical Journal
Southwestern Naturalist
State Veterinary Journal
Studies on Neotropical Fauna and Environment
Surgery, Gynaecology & Obstetrics
Surgical Neurology
Svensk Veterinärtidning
Swiss Vet
Systematic Parasitology
Taiwan Journal of Veterinary Medicine and Animal Husbandry
Technical Bulletin - NSW Agriculture and Fisheries
Technical Report Series - World Health Organization
Técnica Pecuaria en México
Tetrahedron Letters
Texas Heart Institute Journal
Texas Journal of Science
Thai Journal of Veterinary Medicine
Therapeutic Drug Monitoring
Therapeutische Umschau
Therapy of Infectious Diseases
Therios
Thoracic and Cardiovascular Surgeon
Thorax
Thrombosis Research
Tierärztliche Praxis
Tierärztliche Umschau
Tierzucht
Tijdschrift voor Diergeneeskunde
Tissue and Cell
Toxicology
Transactions of the American Microscopical Society
Transactions of the Illinois State Academy of Science
Transactions of the Royal Society of Tropical Medicine and Hygiene
Tropical Agriculture
Tropical and Geographical Medicine
Tropical Animal Health and Production
Tropical Biomedicine
Tropical Diseases Bulletin
Tropical Doctor
Tropical Ecology
Tropical Medicine (Nagaski)
Tropical Medicine and Parasitology
Tropical Veterinarian
TROPMED Newsletter
Trudove na Natsionalen Simpozium. 'Fizika - Selskostopansko Proizvodstvo'
Trudy Gel'mintologicheskoĭ Laboratorii
Trudy Komi Nauchnogo Tsentra UrO AN SSSR
Trudy Vsesoyuznogo Instituta Gel'mintologii im. K. I. Skryabina
Trudy Zoologicheskii Institut, Akademii Nauk SSSR
Tunisie Médicale
Türk Hijyen ve Deneysel Biyoloji Dergisi
UCLA Symposia on Molecular and Cellular Biology
Ugeskrift for Læger
Ultrasound in Medicine and Biology
Ultrasound Review
Union Médicale du Canada
Uppsala Journal of Medical Sciences
Urologia Internationalis
Uttar Pradesh Journal of Zoology
Uzbekskaĭ Biologicheskiĭ Zhurnal
Venus
Verhandlungen der Deutschen Zoologischen Gesellschaft
Vestnik Khirurgii im. I. I. Grekova
Vestnik Oftal'mologii
Veterinaria (Cremona)
Veterinaria Argentina
Veterinaria México
Veterinariya (Kiev)

Veterinariya (Moskva)
Veterinarna Sbirka
Veterinarnaya Nauka - Proizvodstvu
Veterinární Medicína
Veterinarski Arhiv
Veterinarski Glasnik
Veterinářství
Veterinary and Human Toxicology
Veterinary Annual
Veterinary Clinics of North America, Food Animal Practice
Veterinary Clinics of North America, Small Animal Practice
Veterinary Dermatology
Veterinary Immunology and Immunopathology
Veterinary Medical Journal Giza
Veterinary Medicine
Veterinary Parasitology
Veterinary Pathology
Veterinary Quarterly
Veterinary Record
Veterinary Research Communications
Veterinary Technician
Veteriner Fakültesi Dergisi, Üniversitesi Ankara
Vetrinarna Sbirka
Virchows Archiv. A, Pathological Anatomy and Histopathology
Vlaams Diergeneeskundig Tijdschrift
VMR, Veterinary Medical Review
Vrachebnoe Delo
Water SA
Water Science and Technology
Weekly Epidemiological Record
West Indian Medical Journal
WHO Food Additives Series
Wiadomości Parazytologiczne
Wiener Tierärztliche Monatsschrift
Wissenschaftliche Zeitschrift der Wilhelm-Pieck-Universität Rostock, Naturwissenschaftliche Reihe
WMS Report
World Health Forum
World Health Organization, WHO/FIL
World Health Organization, WHO/ONCHO
World Journal of Microbiology & Biotechnology
World Journal of Surgery
Wuyi Science Journal
Yamaguchi Journal of Veterinary Medicine
Yonago Acta Medica
Zeitschrift für Angewandte Zoologie
Zeitschrift für Jagdwissenschaft
Zeitschrift für Klinische Medizin
Zentralblatt für Bakteriologie
Zentralblatt für Hygiene und Umweltmedizin
Zeszyty Naukowe Akademii Rolniczej we Wrocławiu, Rozprawy
Zhurnal Mikrobiologii, Ėpidemiologii i Immunobiologii
Zimbabwe Veterinary Journal
Zoo Biology
Zoologica Scripta
Zoological Science
Zoologicheskit Zhurnal
Zoologische Garten
Zoologische Jahrbücher, Abteilung für Allgemeine Zoologie und Physiologie der Tiere
Zoologischer Anzeiger
Zoomorphology